

APPLICANT

Lightner et al

FILING DATE

November 17, 1992

GROUP

Unknown

*EXAMINER: Initial if citation considered, whether or not citation is in conformance with MPEP 609; Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.

Unknown

*EXAMINER: Initial if citation considered, whether or not citation is in conformance with MPEP 609; Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.

*EXAMINER: Initial if citation considered, whether or not citation is in conformance with MPEP 609; Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.

November 17, 1992

*EXAMINER: Initial if citation considered, whether or not citation is in conformance with MPEP 609; Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.

U. S. DEPARTMENT OF COMMERCE
PATENT AND TRADEMARK OFFICE

ATTY. GEN.

40.

SERIAL NO.

BB-1043

07677.38

INFORMATION DISCLOSURE STATEMENT

BY APPLICANT

(Use several sheets if necessary)

APPLICANT

Lightner et al.

FILING DATE

November 17, 1992

GROUP

GROUP
Unknown

U. S. PATENT DOCUMENTS

[illegible]

FOREIGN PATENT DOCUMENTS

[illegible]

OTHER DOCUMENTS (Including Author, Title, Date, Pertinent Pages, Etc.)

CIBEX DOCUMENTS (including Author, Title, Date, Pertinent Pages, Etc.)		
44		Feldmann, et al., Mol. Gen. Genetics (1987) 208:1-9.
1		Elledge et al. (1991) Proc. Natl. Acad. Sci. USA 88:1731-1735
1		Wada et al., Nature (1990) 347: 200-203
		- Genbank ID: CSDESA, GenBank Accession No: X53508

EXAMINER

27 m. El.

DATE CONSIDERED

9/26/02

*EXAMINER: Initial if citation considered, whether or not citation is in conformance with MPEP 609; Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.

Form PTO-1449
(Reproduced)U.S. DEPARTMENT OF COMMERCE
PATENT AND TRADEMARK OFFICE

ATTY. DOC

SERIAL NO.

BB-1043

07/977,339

INFORMATION DISCLOSURE STATEMENT
BY APPLICANT

(Use several sheets if necessary)

APPLICANT

LIGHTNER ET AL

FILING DATE

NOVEMBER 17, 1 992

GROUP

U. S. PATENT DOCUMENTS

*EXAMINER INITIAL		DOCUMENT NUMBER	DATE	NAME	CLASS	SUB- CLASS	FILING DATE IF APPROPRIATE
		07/804,259	12/4/91	U.S. PATENT APPLICATION			

FOREIGN PATENT DOCUMENTS

		DOCUMENT NUMBER	DATE	COUNTRY	CLASS	SUB- CLASS	TRANSLATION	
							YES	NO
gm	WO	93/11245	10 JUNE 93	PCT	C 12 N	15/53	X	

OTHER DOCUMENTS (Including Author, Title, Date, Pertinent Pages, Etc.)

EXAMINER

L A M'Ue

DATE CONSIDERED

9/26/92

*EXAMINER: Initial if citation considered, whether or not citation is in conformance with MPEP 609; Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.

Form PTO-1449
(Reproduced)**INFORMATION DISCLOSURE CITATION
IN AN APPLICATION**
(Use several sheets if necessary)

Docket Number (Optional)

BB-1043-B

Application Number

08/262,401

Applicant

LIGHTNER ET AL.

Filing Date

JUNE 20, 1994

Group Art Unit

1808**U. S. PATENT DOCUMENTS**

EXAMINER INITIAL	DOCUMENT NUMBER	DATE	NAME	CLASS	SUBCLASS	FILING DATE IF APPROPRIATE

FOREIGN PATENT DOCUMENTS

	DOCUMENT NUMBER	DATE	COUNTRY	CLASS	SUB- CLASS	TRANSLATION	
						YES	NO
gm	WO 90/10380	09/20/90	PCT	A01H	1/04		

OTHER DOCUMENTS (Including Author, Title, Date, Pertinent Pages, Etc.)

EXAMINER

JF McEwan

DATE CONSIDERED

9/20/92

EXAMINER: Initial if citation considered, whether or not citation is in conformance with MPEP 609; Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.

Form PTO-1449
(Reproduced)
**INFORMATION DISCLOSURE CITATION
IN AN APPLICATION**
(Use several sheets if necessary)

Docket Number (Optional)

BB-1043-B

Application Number

08/262,401

Applicant

LIGHTNER ET AL

Filing Date

6-20-94

Group Art Unit

U. S. PATENT DOCUMENTS

EXAMINER INITIAL	DOCUMENT NUMBER	DATE	NAME	CLASS	SUBCLASS	FILING DATE IF APPROPRIATE

FOREIGN PATENT DOCUMENTS

	DOCUMENT NUMBER	DATE	COUNTRY	CLASS	SUB- CLASS	TRANSLATION	
						YES	NO
gm	WO 93/11245	6-10-93	PCT	C12N	15/33	X	
gm	WO 91/13972	3-14-91	PCT	C12N	1/21		
gm	WO 93/06712	4-15-93	PCT	A01H	1/00		

OTHER DOCUMENTS (Including Author, Title, Date, Pertinent Pages, Etc.)

gm	Mattson et al, <i>Journal of Lipid Research</i> , 26, 194-202 (1985)
	Gailliard, In: Stumpf, P.K., Ed., <i>The Biochemistry of Plants</i> , 4, 85-116, Academic Press, NY (1980)
	Mensink et al, <i>New England Journal of Medicine</i> , 323, 439-445 (1990)
	Knowles, In Applewhite, T.H., Ed., <i>World Conf. on Biotechnology for the Fats and Oils Industry Proceedings</i> , American Oil Chemists' Society, pp. 35-38 (1980)
	Browse et al, <i>Ann. Rev. Plant Physiol. Mol. Biol.</i> , 42, 467-506 (1991)

EXAMINER

g f m c l c

DATE CONSIDERED

9/26/01

EXAMINER: Initial if citation considered, whether or not citation is in conformance with MPEP 609; Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.

**INFORMATION DISCLOSURE CITATION
IN AN APPLICATION**
(Use several sheets if necessary)

Docket Number (Optional)

BB-1043-B

Application Number

08/262,401

Applicant

LIGHTNER ET AL

Filing Date

6-20-94

Group Art Unit

U. S. PATENT DOCUMENTS

EXAMINER INITIAL	DOCUMENT NUMBER	DATE	NAME	CLASS	SUBCLASS	FILING DATE IF APPROPRIATE

FOREIGN PATENT DOCUMENTS

	DOCUMENT NUMBER	DATE	COUNTRY	CLASS	SUB- CLASS	TRANSLATION	
						YES	NO

OTHER DOCUMENTS (Including Author, Title, Date, Pertinent Pages, Etc.)

	Ohlrogge et al, <i>Biochim. Biophys. Acta</i> , 1082, 1-26 (1991)
	Wang et al, <i>Plant Physiol. Biochem.</i> , 26, 777-792 (1988)
	Thompson et al, <i>Proc. Natl. Acad. Sci. USA</i> , 88, 2578-2582 (1991)
	Shanklin et al, <i>Proc. Natl. Acad. Sci. USA</i> , 88, 2510-2514 (1991)
	Stukey et al, <i>J. Biol. Chem.</i> , 265, 20144-20149 (1990)
	Thiede et al, <i>J. Biol. Chem.</i> , 261, 13230-13235 (1986)

EXAMINER

27 M E L

DATE CONSIDERED

9/26/02

EXAMINER: Initial if citation considered, whether or not citation is in conformance with MPEP 609; Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.

Docket Number (Optional)

Application Number

08/262,401

LIGHTNER ET AL

6-20-94

Group Art Unit

**EXAMINER
INITIAL**

DATE _____

NAME

CLASS

SUBCLASS

**FILING DATE
IF APPROPRIATE**

DOCUMENT NUMBER

DATE _____

COUNTRY

CLASS

SUB-
CLASS

TRANSLATION

YES	NO
-----	----

Kaestner et al, *J. Biol. Chem.*, 264, 1475-1476 (1989)

Wada et al, *Nature*, 347, 200-203 (1990)

U.S. Application No. 07/804,259, Filed December 4, 1991

Gailliard & Stumpf, *J. Biol. Chem.*, 241, 5806-5812 (1966)

Cronan et al, *J. Biol. Chem.*, 263, 4641-4646 (1988)

Buist et al, *Tetrahedron Letters*, 28, 857-860 (1987)

EXAMINER

DATE CONSIDERED	
-----------------	--

EXAMINER: Initial if citation considered, whether or not citation is in conformance with MPEP 609; Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.

Form PTO-1449
(Reproduced)
**INFORMATION DISCLOSURE CITATION
IN AN APPLICATION**
(Use several sheets if necessary)

Docket Number (Optional)

BB-1043-B

Application Number

08/262,401

Applicant

LIGHTNER ET AL

Filing Date

6-20-94

Group Art Unit

U. S. PATENT DOCUMENTS

EXAMINER INITIAL	DOCUMENT NUMBER	DATE	NAME	CLASS	SUBCLASS	FILING DATE IF APPROPRIATE

FOREIGN PATENT DOCUMENTS

	DOCUMENT NUMBER	DATE	COUNTRY	CLASS	SUB- CLASS	TRANSLATION	
						YES	NO

OTHER DOCUMENTS *(Including Author, Title, Date, Pertinent Pages, Etc.)*

SM	Buist & Marecak, <i>Tetrahedron Letters</i> , 32, 891-894 (1991)
	Bafor et al, <i>Plant Physiol.</i> , 280, 507-514 (1991)
	Moreau & Stumpf, <i>Plant Physiol</i> , 67, 672-676 (1981)
	Bafor et al, <i>Biochem. J.</i> , 280, 507-514 (1991)
	Wiberg et al, <i>10th International Symposium on Metabolism Structure & Function of Plant Lipids</i> , Jerbay, Tunisia (1992)
	Feldmann et al, <i>Mol. Gen. Genetics</i> , 208, 1-9 (1987)

EXAMINER

J F M'EL

DATE CONSIDERED

9/26/02

EXAMINER: Initial if citation considered, whether or not citation is in conformance with MPEP 609; Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.

Group Art Unit

**FILING DATE
IF APPROPRIATE**

TRANSLATION	
YES	NO

EXAMINER: Initial if citation considered, whether or not citation is in conformance with MPEP 609; Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.

Form PTO-1449
(Reproduced)

Docket Number (Optional)

BB-1043-D

Application Number

09/133,962

**INFORMATION DISCLOSURE CITATION
IN AN APPLICATION**
(Use several sheets if necessary)

Applicant

LIGHTNER ET AL.

Filing Date

AUGUST 14, 1998

Group Art Unit

1651

U. S. PATENT DOCUMENTS

EXAMINER INITIAL	DOCUMENT NUMBER	DATE	NAME	CLASS	SUBCLASS	FILING DATE IF APPROPRIATE
EM	5,801,026	09/01/98	Somerville et al.	435	172.3	
EM	5,668,292	09/16/97	Somerville et al.	800	205	

FOREIGN PATENT DOCUMENTS

	DOCUMENT NUMBER	DATE	COUNTRY	CLASS	SUB- CLASS	TRANSLATION	
						YES	NO

OTHER DOCUMENTS (Including Author, Title, Date, Pertinent Pages, Etc.)

EM	Bafor, M. et al., Ricinoleic acid biosynthesis and triacylglycerol assembly in microsomal preparations from developing castor-bean (<i>Ricinus communis</i>) endosperm, <i>Biochem. J.</i> , 280 , 507-514, 1991
EM	Van de Loo, F. J. et al., An oleate 12-hydroxylase from <i>Ricinus communis</i> L. is a fatty acyl desaturase homolog, <i>Proc. Natl. Acad. Sci. USA</i> , 92 , 6743-6747, July 1995
EM	Broun, P. et al., Accumulation of Ricinoleic, Lesquerolic, and Densipolic Acids in Seeds of Transgenic Arabidopsis Plants That Express a Fatty Acyl Hydroxylase cDNA from Castor Bean, <i>Plant Physiol.</i> , 113 , 933-942, 1997
EM	Broun, P. et al., Expression of Castor and <i>Lesquerella Fendleri</i> Oleate-12 Hydroxylases in Transgenic Plants: Effects on Lipid Metabolism and Inferences on Structure-Function Relationships in Fatty Acid Hydroxylases, <i>12th International Symposium on Plant Lipids</i> , July 7-12, 1996
EM	Gunstone, F. D. et al., Hydroxy acids and Castor oil, <i>The Lipid Handbook</i> , Second Edition, pp. 15-16; 55-56
EM	Broun, P. et al., Expression of Castor and <i>L. Fendleri</i> Oleate 12- Hydroxylases in Transgenic Plants, <i>Physiology, Biochemistry and Molecular Biology of Plant Lipids</i> , 342-344, 1997

EXAMINER

27 M. Elai

DATE CONSIDERED

9/26/02

EXAMINER: Initial if citation considered, whether or not citation is in conformance with MPEP 609; Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.